

# SERVICE MANUAL

## **SZ-5000/SZ-5100 Series**

SZ-5000 (E)	SZ-5100 (E)
SZ-5000 (US)	SZ-5100 (US)
SZ-5000 (UK)	SZ-5100SL(E)
SZ-5000L (UK)	SZ-5100SL(UK)
SZ-5000SL(E)	SZ-5100SS(X)
SZ-5000SL(UK)	
SZ-5000SS(X)	

**Stereo Double Cassette Tape Recorder with 2~4-Band Radio**

### SPECIFICATIONS

#### ■ RADIO SECTION

Frequency Range

	SZ-5000(US) SZ-5000(UK) SZ-5000(E) SZ-5100(US) SZ-5100(E)	SZ-5000L(UK)	SZ-500SL(UK) SZ-5000SL(E) SZ-5100SL(UK) SZ-5100SL(E)	SZ-5000SS(X) SZ-5100SS(X)
FM(MHz)	88 - 108	88 - 108	88 - 108	88 - 108
MW(KHz)	530 - 1605	530 - 1605	530 - 1605	530 - 1605
LW(KHz)		150 - 300	150 - 300	
SW(MHz)			4 - 12	
SW1(MHz)				2.5 - 7.5
SW2(MHz)				7.5 - 21

IF :

FM ; 10.7 MHz

MW,LW,SW ; 455 KHz

468 KHZ (UK) version only

Frequency Response :

FM ; 100 Hz - 10 KHz  $\pm$  6 dB

MW ; 100 Hz - 2.2 KHz  $\pm$  6 dB

#### ■ TAPE RECORDER SECTION

Track System ..... 4-track 2-channel Stereo

Tape Speed ..... 4.75 cm/sec.  $\pm$  2 %

Wow and Flutter ..... Less than 0.35 %  
(PLAY, JIS WRMS)

Frequency Response ..... 100 Hz - 10 KHz

Output Power ..... 13.0 W x 2 (Max.)

#### ■ GENERAL

Speaker System ..... 8 inch Speaker and Piezo Type  
2-way 4 Speaker System

Power Source

AC :

SZ-5000(US)/SZ-5100(US) ; 120 V 60 Hz

SZ-5000(UK)/L(UK)/SL(UK)

SZ-5100SL(UK) ; 240 V 50 Hz

SZ-5000(E)/SL(E)

SZ-5100(E)/SL(E) ; 220 V 50 Hz

SZ-5000SS(X)/SZ-5100SS(X) ; 115/230 V 50/60 Hz

DC : 15 V ( D size 1.5 V x 10)

Dimension ..... Approx. 630(W) x 380(H) x 170(D) mm

Weight ..... Approx. 6 Kg (without battery)

Accessory ..... AC Cord

# REPLACEMENT PARTS LIST

MAIN COMPONENT ASS'Y

SZ-5000

REF. NO.	NAME	Q'TY	SZ-5000 (US)	SZ-5000 (UK)/L(UK) /SL(UK)	SZ-5000(E)	SZ-5000 SL(E)	SZ-5000 SS(X)
	PLASTIC BAG	1	CC40008-13	←	←	←	←
	STYRENE FOAM 1	1	UR20037	←	←	←	←
	STYRENE FOAM 2	1	UR20038	←	←	←	←
	DISPLAY BOX	1	CR40056-191	←	←	←	←
	MASTER CARTON	1/2	CC40007-41	←	←	←	←
	INSTRUCTION LEAFLET	1	R-1309A	←	←	←	←
	UPC CODE LABEL	1	R41865	--	--	--	--
	SAFETY INSTRUCTION	1	CN-149	--	--	--	--
	FTZ LABEL	1	--	--	UC40015-14	UC40015-15	--
	FTZ INSTRUCTION	1	--	--	CN-148A	←	--
	EEC LABEL	1	--	R84162-002	--	--	--
	SAFETY SEAL	1	--	R41845	--	--	--
	COPYRIGHT SLIP	1	--	A-164	--	--	--
	WARRANTY CARD	1	--	--	--	--	--

SZ-5100

REF. NO.	NAME	Q'TY	SZ-5100 (US)	SZ-5100 SL(UK)	SZ-5100 (E)	SZ-5100 SL(E)	SZ-5100 SS(X)
	PLASTIC BAG	1	CC40008-13	←	←	←	←
	STYRENE FOAM 1	1	UR20037	←	←	←	←
	STYRENE FOAM 2	1	UR20038	←	←	←	←
	DISPLAY BOX	1	CR40056-192	CR40056-193	←	←	←
	MASTER CARTON	1/2	CC40007-41	←	←	←	←
	INSTRUCTION LEAFLET	1	R-1309A	←	←	←	←
	UPC CODE LABEL	1	R41865	--	--	--	--
	SAFETY INSTRUCTION	1	CN-149	--	--	--	--
	FTZ LABEL	1	--	--	UC40015-16	UC40015-17	--
	FTZ INSTRUCTION	1	--	--	CN-148A	←	--
	EEC LABEL	1	--	R84162-002	--	--	--
	SAFETY SEAL	1	--	R41845	--	--	--
	COPYRIGHT SLIP	1	--	A-164	--	--	--
	WARRANTY CARD	1	B-230	--	--	--	--

# REPLACEMENT PARTS LIST

SZ-5000

REF NO.	NAME	Q' TY	SZ-5000(US)	SZ-5000(UK)/ L(UK)	SZ-5000 SL(UK)	SZ-5000(E)/ SL(E)	SZ-5000SS(X)
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## FINAL ASS'Y

101	TAPPING SCREW	6	TSAB3020SZ	←	←	←	←
1-1	VOLUME KNOB	3	UR40018-03	←	←	←	←
1-2	BATTERY LID	1	UR30001-04	←	←	←	←
1-3	AC CORD	1	AM-YS-340	AM-YS-342	←	AM-YS-341	AM-YS-345
	DATE LABEL	1	R83858-006	--	--	--	--
	WIRE LIST	1	YS-0063	YS-0077	YS-0078	YS-0077	YS-0063
	NAME LABEL	1	SZ-5000 (US)	: CR40025-337	SZ-5000 (E) : CR40025-339		
			SZ-5000 (UK)	: CR40025-464	SZ-5000SL(E) : CR40025-338		
			SZ-5000L(UK)	: CR40025-465	SZ-5000SS(X) : --		
			SZ-5000SL(UK)	: CR40025-365			

## REAR CABINET ASS'Y

3-1	REAR CABINET	1	UR10024-2-01	UR10024-3-01	←	UR10024-4-01	UR10024-1-01
3-2	HANDLE UNIT	1	UR30059-01	←	←	←	←
3-3	HANDLE	(1)	UR40124-01	←	←	←	←
3-4	HANDLE ARM	(2)	R81302-008(NI)	←	←	←	←
	TAPPING SCREW	(2)	TSAF0310SB	←	←	←	←
	AC JACK COVER	1	--	--	--	--	CR40004-02
	PACKING 1	2	UR40193	←	←	←	←
	" 2	2	UR40194	←	←	←	←

SZ-5100

REF NO.	NAME	Q' TY	SZ-5100(US)	SZ-5100 SL(UK)	SZ-5100(E)	SZ-5100SL(E)	SZ-5100SS(X)
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## FINAL ASS'Y

101	TAPPING SCREW	6	TSAB3020SZ	←	←	←	←
1-1	VOLUME KNOB	3	UR40018-03	←	←	←	←
1-2	BATTERY LID	1	UR30001-04	←	←	←	←
1-3	AC CORD	1	AM-YS-340	AM-YS-342	AM-YS-341	AM-YS-341	AM-YS-345
	NAME LABEL	1	CR40025-340	CR40025-342	CR40025-343	CR40025-341	--
	DATE LABEL	1	R83858-006	--	--	--	--
	WIRE LIST	1	YS-0063	YS-0078	YS-0077	←	YS-0063

## REAR CABINET ASS'Y

3-1	REAR CABINET	1	UR10024-2-01	UR10024-3-01	UR10024-4-01	UR10024-4-01	UR10024-1-01
3-2	HANDLE UNIT	1	UR30059-01	←	←	←	←
3-3	HANDLE	(1)	UR40124-01	←	←	←	←
3-4	HANDLE ARM	(2)	R81302-008(NI)	←	←	←	←
	TAPPING SCREW	(2)	TSAF0310SB	←	←	←	←
	AC JACK COVER	1	--	--	--	--	CR40004-02
	PACKING 1	2	UR40193	←	←	←	←
	" 2	2	UR40194	←	←	←	←

# REPLACEMENT PARTS LIST

FRONT CABINET ASS'Y

SZ-5000

REF. NO.	NAME	Q'TY	SZ-5000 (US)	SZ-5000 (UK)/(E)	SZ-5000 L(UK)	SZ-5000 SL(UK)/ SL(E)	SZ-5000 SS(X) SS(X)
6	MECHANISM UNIT	1	CPLC1032	←	↑	↑	↑
2-2	MECHA BRACKET	1	UR30054	←	↑	↑	↑
2-3	EJECT KNOB	1	UR40192-02	←	↑	↑	↑
102	TAP TITE SCREW	1	TTSB3006SZ	←	↑	↑	↑
103	" "	1	TTSB2604SZ	←	↑	↑	↑
2-4	FRONT CABINET	1	UR10023-02	←	↑	↑	↑
2-5	CASSETTE HOLDER	1	UR20030-01	←	↑	↑	↑
2-6	MECHANISM COVER	1	UR30014/1-01	↑	↑	↑	↑
2-7	CASSETTE UP SPRING	1	UR40028	←	↑	↑	↑
2-8	DAMPER 1	1	CR40012	←	↑	↑	↑
2-9	DAMPER BRACKET	1	CR40013	←	↑	↑	↑
2-10	HOLDER PLATE	1	UR40129-01	←	↑	↑	↑
2-11	MECHANISM BUTTON	1	UR30007-03	←	↑	↑	↑
2-12	" 2	1	UR30008-03	←	↑	↑	↑
2-13	TUNING KNOB	1	UR40133-02	←	↑	↑	↑
2-14	POINTER	1	UR40132	←	↑	↑	↑
2-15	POINTER GUIDE	1	UR30055	↑	↑	↑	↑
2-16	SPEAKER RING	2	UR20031-02	←	↑	↑	↑
2-17	TWEETER GRILL	2	UR30052-02	←	↑	↑	↑
2-18	SPEAKER NET	2	UR30058-01	←	↑	↑	↑
2-19	EQUALIZER KNOB	5	UR40125-02	←	↑	↑	↑
2-20	DIAL PLATE	1	UR20032-02	UR20032-02	UR20032-07	UR20032-03	UR20032-01
2-21	CONTROL PLATE	1	UR20033-	←	UR20033-	UR20033-	UR20033-
			2-02		1-05	1-03	1-01
2-22	CASSETTE PLATE	1	UR40127-01	←	↑	↑	↑
2-23	DECORATION PLATE	1	UR40128-01	←	↑	↑	↑
2-24	REC LEVER	1	UR40122	←	↑	↑	↑
2-26	CASSETTE DOOR	1	C40928-29	←	↑	↑	↑
2-27	CASSETTE DOOR SPRING	1	UC40031	←	↑	↑	↑
2-28	SPRING 2	1	R82350-026	←	↑	↑	↑
2-29	LEVER KNOB	3	UR40023-03	UR40023-03	--	--	--
2-30	LEVER KNOB	4	--	--	UR40023-03	UR40023-03	←
2-31	ROD ANTENNA	2	RA-0005	←	↑	↑	↑
2-32	EARTH PLATE	1	UR40134	UR40134	--	--	--
2-33	SPEAKER	2	SP-0012	←	↑	↑	↑
2-34	TWEETER	2	SP-0013	←	↑	↑	↑
103	TAPPING SCREW	17	TSAB3012SZ	←	↑	↑	↑
104	TAPPING SCREW	8	TSAW3012SZ	←	↑	↑	↑
	TAPPING SCREW	2	TSAB3014SB	--	--	--	--

# REPLACEMENT PARTS LIST

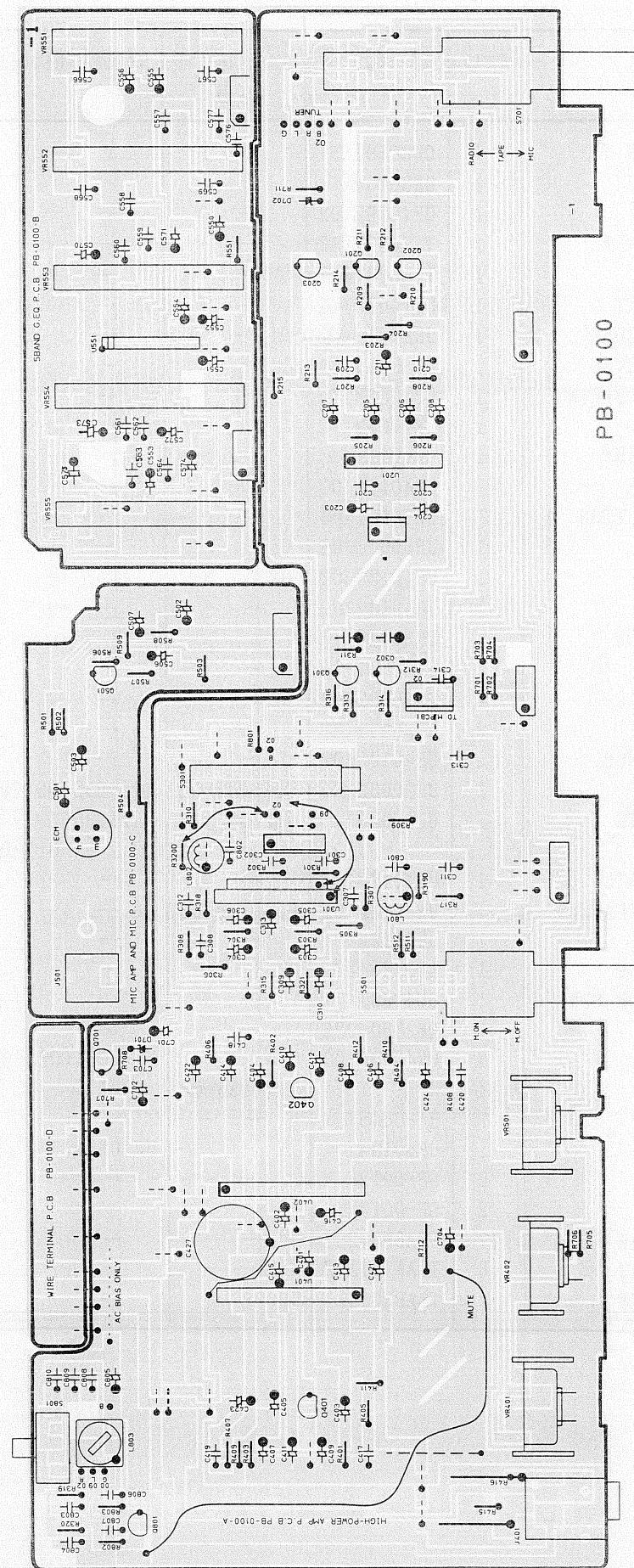
FRONT CABINET ASS'Y

SZ-5100

REF. NO.	NAME	Q'TY	SZ-5100 (US)	SZ-5100 SL(UK)	SZ-5100(E)	SZ-5100 L(E)	SZ-5100 SS(X)
6	MECHANISM UNIT	1	CPLC1032	←	←	←	←
2-2	MECHA BRACKET	1	UR30054	←	←	←	←
2-3	EJECT KNOB	1	UR40192-02	←	←	←	←
102	TAP TITE SCREW	1	TTSB3006SZ	←	←	←	←
103	" "	1	TTSB2604SZ	←	←	←	←
2-4	FRONT CABINET	1	UR10023-02	←	←	←	←
2-5	CASSETTE HOLDER	1	UR20030-01	←	←	←	←
2-6	MECHANISM COVER	1	UR30014/1-01	←	←	←	←
2-7	CASSETTE UP SPRING	1	UR40028	←	←	←	←
2-8	DAMPER 1	1	CR40012	←	←	←	←
2-9	DAMPER BRACKET	1	CR40013	←	←	←	←
2-10	HOLDER PLATE	1	UR40129-02	←	←	←	←
2-11	MECHANISM BUTTON	1	UR30007-03	←	←	←	←
2-12	" 2	1	UR30008-03	←	←	←	←
2-13	TUNING KNOB	1	UR40133-02	←	←	←	←
2-14	POINTER	1	UR40132	←	←	←	←
2-15	POINTER GUIDE	1	UR30055	←	←	←	←
2-16	SPEAKER RING	2	UR20031-02	←	←	←	←
2-17	TWEETER GRILL	2	UR30052-02	←	←	←	←
2-18	SPEAKER NET	2	UR30058-01	←	←	←	←
2-19	EQUALIZER KNOB	5	UR40125-02	←	←	←	←
2-20	DIAL PLATE	1	UR20032-05	UR20032-06	UR20032-05	UR20032-06	UR20032-04
2-21	CONTROL PLATE	1	UR20033-	UR20033-	UR20033-	UR20033-	UR20033-
			2-01	1-04	2-01	1-04	1-02
2-22	CASSETTE PLATE	1	UR40127-02	←	←	←	←
2-23	DECORATION PLATE	1	UR40128-02	UR40128-03	←	←	←
2-24	REC LEVER	1	UR40122	←	←	←	←
2-26	CASSETTE DOOR	1	C40928-30	←	←	←	←
2-27	CASSETTE DOOR SPRING	1	UC40031	←	←	←	←
2-28	SPRING 2	1	R82350-026	←	←	←	←
2-29	LEVER KNOB	3	UR40023-03	--	UR40023-03	--	--
2-30	LEVER KNOB	4	--	UR40023-03	--	UR40023-03	←
2-31	ROD ANTENNA	2	RA-0005	←	←	←	←
2-32	EARTH PLATE	1	UR40134	--	UR40134	--	--
2-33	SPEAKER	2	SP-0012	←	←	←	←
2-34	TWEETER	2	SP-0013	←	←	←	←
103	TAPPING SCREW	17	TSAB3012SZ	←	←	←	←
104	TAPPING SCREW	8	TSAW3012SZ	←	←	←	←
	TAPPING SCREW	2	TSAB3014SB	--	--	--	--

## P.C.B. LAYOUT

PB-0100 AMPLIFIER P.C.B.



# REPLACEMENT PARTS LIST

AMPLIFIER ASS'Y < D C Bias System >

SZ-5000 (US)/(UK)/L(UK)/SL(UK)/SS(X)

SZ-5100 (US)/SL(UK)/SS(X)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	LA3160	I C	1	U201
	M51164AL	I C	1	U301
	BA5408	I C	2	U401, 402
	BA3822LS	I C	1	U551
	SW-0020	LEVER SWITCH	1	S701 Func.
	SW-0019	LEVER SWITCH	1	S501 Mic.
	SW-0028	SLIDE SWITCH	1	S301 Rec. /Play
	VR-0015	VARIABLE RESISTOR	1	VR402
	VR-0017	" "	2	VR401, 501
	VR-0052	" "	5	VR551, 552, 553, 554 VR555
	AM-MC-156	E. C. M.	1	
	R41121	MIC CUSHION	1	
	JK-0021	JACK	1	J501
	AM-J-203	HEADPHONE JACK	1	J401
	UR40019	REC ARM	1	
	UR40020	REC HOLDER	1	
	SC-0002	PLUG CONNECTOR	1	Mic.
	PC-0018	"	2	G. EQ
	PC-0005-5P	"	1	R/P Head
	PC-0005-3P	"	2	LED Meter PB Head
	ZT-0016	1 P PLUG	1	Mute
	HS-0002	HEAT SINK	2	
	TTSB2606SZ	TAP TITE SCREW	4	Heat sink
	CVA16M-3300	A. CAPACITOR	1	C427
	UR40130	P. C. B BRACKET	1	
	UR40131	EQUALIZER BRACKET	1	
	RHD04J-1061	CN. RESISTOR	1	R712
	JP200B	JUMPER WIRE	1	
	【 T. P ASS'Y 】			
	RHD08J-2R2	CN. RESISTOR	4	R405, 406, 407, 408
	RHD08J-100	"	1	R507
	RHD08J-180	"	2	R403, 404
	RHD08J-330	"	3	R203, 204, 708
	RHD08J-470	"	2	R303, 304
	RHD08J-820	"	2	R401, 402
	RHD08J-101	"	1	R711
	RHD08J-181	"	4	R213, 315, 508, 551
	RHD08J-331	"	1	R707
	RHD08J-102	"	3	R305, 306, 501
	RHD08J-122	"	4	R409, 410, 411, 412
	RHD08J-222	"	4	R209, 210, 313, 314
	RHD08J-332	"	4	R502, 509, 703, 704
	RHD08J-472	"	10	R207, 208, 307, 308 R503, 504, 511, 512 R705, 706
	RHD08J-682	"	4	R211, 212, 311, 312
	RHD08J-103	"	4	R209, 210, 313, 314

## AMPLIFIER ASS'Y &lt; D C Bias System &gt; (Cont'd)

SZ-5000 (US)/(UK)/L(UK)/SL(UK)/SS(X)

SZ-5100 (US)/SL(UK)/SS(X)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	RHD08J-183	CN. RESISTOR	2	R317, 318
	RHD08J-223	"	2	R214, 316
	RHD08J-473	"	2	R301, 302
	RHD08J-563	"	2	R319, 320
	RHD08J-104	"	6	R205, 206, 215, 309 R310, 506
	RHD08J-124	"	2	R701, 702
	RHD08J-105	"	1	R321
	RVD02J-221	"	2	R415, 416
	RVD02J-331	"	2	R413, 414
	CVC50K-182B	C. CAPACITOR	4	C201, 202, 301, 302
	CVC50Z-223F	"	1	C703
	CVR25K-102	R. CAPACITOR	2	C557, 558
	CVR25K-152	"	2	C311, 312
	CVR25K-332	"	4	C559, 560, 576, 577
	CVR25K-103	"	2	C561, 562
	CVR25K-183	"	2	C566, 567
	CVR25K-273	R. CAPACITOR	2	C307, 308
	CVR25K-333	"	2	C209, 210
	CVR25K-473	"	4	C563, 564, 568, 569
	CVH16M-104F	H. CAPACITOR	4	C417, 418, 419, 420
	CVA10M- 47	A. CAPACITOR	13	C207, 208, 409, 410 C413, 414, 415, 416 C425, 426, 502, 507 C701
	CVA10M-100	"	6	C303, 304, 403, 404 C405, 406,
	CVA10M-220	"	4	C211, 310, 313, 550
	CVA10M-470	"	4	C421, 422, 423, 424
	CVA16M- 10	"	5	C205, 206, 305, 306 C309
	CVA16M-100	"	3	C411, 412, 702
	CVA50M-R 1	A. CAPACITOR	2	C570, 571
	CVA50M-R22	"	1	C501
	CVA50M-R33	"	2	C572, 573
	CVA50M-R47	"	1	C704
	CVA50M- 1	"	12	C203, 204, 401, 402 C503, 506, 553, 554 C555, 556, 574, 575
	CVA50M- 1-X	"	2	C551, 552 ( L=7m/m )
	CVA50M-2R2	"	2	C407, 408
	2SC2603G	TRANSISTOR	8	Q201, 202, 203, 301, Q302, 401, 402, 501
	2SC2060R	"	1	Q701
	UTZJ9.1A or B	ZENER DIODE	1	D701
	UTZJ6.8C or 7.5A	ZENER DIODE	1	D702
	JP-050	JUMPER WIRE	69	
	PB-0100	P. C. B	1	

# REPLACEMENT PARTS LIST

AMPLIFIER ASS'Y < A C Bias System >

SZ-5000(E)/SL(E)

SZ-5100(E)/SL(E)

REF. NO.	PARTS NO.	NAME	Q' TY	REMARKS
	LA3160	I C	1	U201
	M51164AL	I C	1	U301
	BA5408	I C	2	U401, 402
	BA3822LS	I C	1	U551
	SW-0020	LEVER SWITCH	1	S701 Func.
	SW-0019	LEVER SWITCH	1	S501 Mic.
	SW-0028	SLIDE SWITCH	1	S301 Rec. /Play
	SW-0018	"	1	S801 Beat
	VR-0015	VARIABLE RESISTOR	1	VR402
	VR-0017	" "	2	VR401, 501
	VR-0052	" "	5	VR551, 552, 553, 554 VR555
	AM-MC-156	E. C. M.	1	
	R41121	MIC CUSHION	1	
	JK-0021	JACK	1	J501
	AM-J-203	HEADPHONE JACK	1	J401
	UR40019	REC ARM	1	
	UR40020	REC HOLDER	1	
	SC-0002	PLUG CONNECTOR	1	Mic.
	PC-0018	"	2	G. EQ
	PC-0005-5P	"	1	R/P Head
	PC-0005-3P	"	2	LED Meter, PB Head
	ZT-0016	1 P PLUG	1	Mute
	HS-0002	HEAT SINK	2	
	TTSB2606SZ	TAP TITE SCREW	4	Heat sink
	CVA16M-3300	A. CAPACITOR	1	C427
	RHD04J-1061	CN. RESISTOR	1	R712
	UR40130	P. C. B BRACKET	1	
	UR40131	EQUALIZER BRACKET	1	
	LA-0001	AF COIL	1	L803
	AM-LS-569	"	2	L801, 802
	JP-200B	JUMPER WIRE 【 T. P ASS'Y 】	2	
	RHD08J-2R2	CN. RESISTOR	4	R405, 406, 407, 408
	RHD08J-3R3	"	2	R507, 802
	RHD08J-180	"	2	R403, 404
	RHD08J-330	"	3	R203, 204, 708
	RHD08J-470	"	2	R303, 304
	RHD08J-820	"	2	R401, 402
	RHD08J-101	"	1	R711
	RHD08J-181	"	4	R213, 315, 508, 551
	RHD08J-331	"	1	R707
	RHD08J-102	"	3	R305, 306, 501
	RHD08J-122	"	4	R409, 410, 411, 412
	RHD08J-222	"	4	R209, 210, 313, 314
	RHD08J-332	"	4	R502, 509, 703, 704
	RHD08J-472	"	10	R207, 208, 307, 308 R503, 504, 511, 512 R705, 706

## AMPLIFIER ASS'Y &lt; A C Bias System &gt; (Cont'd)

SZ-5000(E)/SL(E)

SZ-5100(E)/SL(E)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	RHD08J-682	CN. RESISTOR	4	R211, 212, 311, 312
	RHD08J-153	"	1	R803
	RHD08J-183	"	2	R317, 318
	RHD08J-223	"	2	R214, 316
	RHD08J-473	"	2	R301, 302
	RHD08J-823	"	2	R319, 320
	RHD08J-104	"	6	R205, 206, 215, 309 R310, 506
	RHD08J-124	"	2	R701, 702
	RHD08J-105	"	1	R321
	RVD02J-820	"	1	R801
	RVD02J-221	"	2	R415, 416
	RVD02J-331	"	2	R413, 414
	CVC50J-101SL	C. CAPACITOR	2	C803, 804
	CVC50J-151SL	"	3	C801, 802, 810
	CVC50K-391B	"	1	C809
	CVC50K-182B	"	4	C201, 202, 301, 302
	CVC50Z-223F	"	1	C703
	CVR25K-102	R. CAPACITOR	2	C557, 558
	CVR25K-122	"	1	C808
	CVR25K-182	"	2	C311, 312
	CVR25K-332	"	4	C559, 560, 576, 577
	CVR25K-472	"	1	C807
	CVR25K-562	"	1	C806
	CVR25K-103	"	2	C561, 562
	CVR25K-183	"	2	C566, 567
	CVR25K-273	"	2	C307, 308
	CVR25K-333	"	2	C209, 210
	CVR25K-473	"	4	C563, 564, 568, 569
	CVH16M-104F	H. CAPACITOR	4	C417, 418, 419, 420
	CVA10M- 47	A. CAPACITOR	14	C207, 208, 409, 410 C413, 414, 415, 416 C425, 426, 502, 507 C701, 805
	CVA10M-100	"	6	C303, 304, 403, 404 C405, 406
	CVA10M-220	"	4	C211, 310, 313, 550
	CVA10M-470	"	4	C421, 422, 423, 424
	CVA16M- 10	"	5	C205, 206, 305, 306, 309
	CVA16M-100	"	3	C411, 412, 702
	CVA50M-R 1	"	2	C570, 571
	CVA50M-R22	"	1	C501
	CVA50M-R33	"	2	C572, 573
	CVA50M-R47	"	1	C704
	CVA50M- 1	"	12	C203, 204, 401, 402 C503, 506, 553, 554 C555, 556, 574, 575
	CVA50M- 1-X	"	2	C551, 552 (L=7m/m)
	CVA50M-2R2	"	2	C407, 408

*AMPLIFIER ASS'Y < A C Bias System > (Cont'd)*

*SZ-5000(E)/SL(E)*

*SZ-5100(E)/SL(E)*

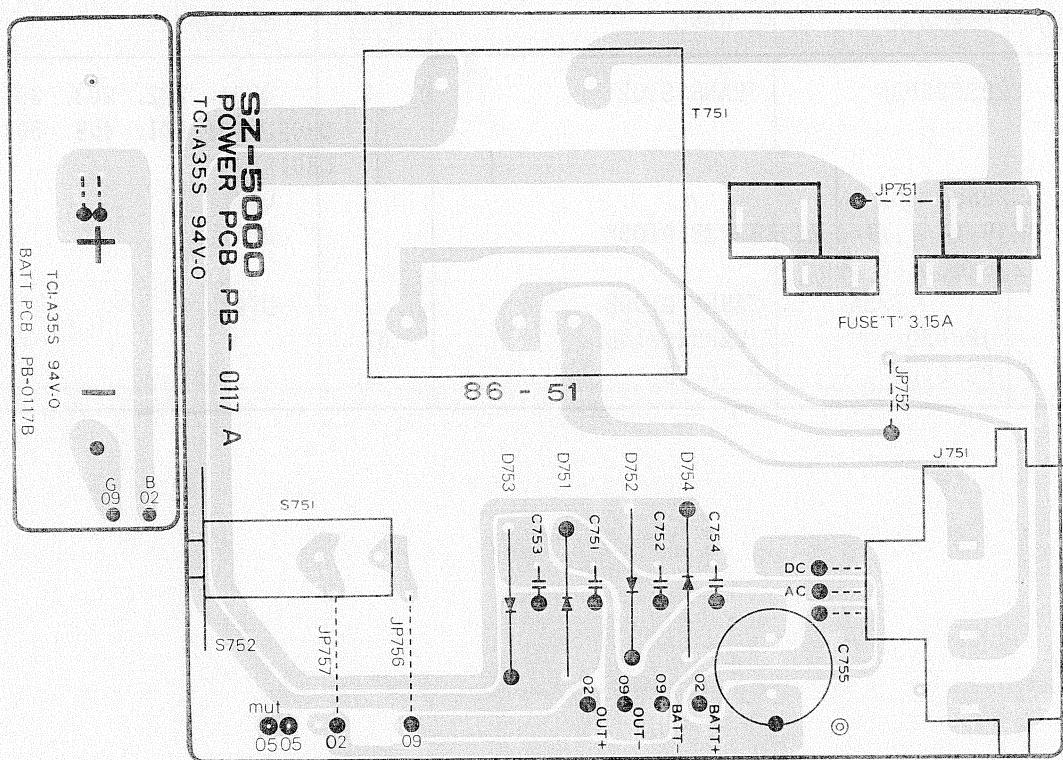
REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	2SC2603G	TRANSISTOR	9	Q201, 202, 203, 301, Q302, 401, 402, 501 Q801
	2SC2060R	"	1	Q701
	UTZJ9.1A or B	ZENER DIODE	1	D701
	UTZJ6.8C or 7.5A	ZENER DIODE	1	D702
	JP-050	JUMPER WIRE	67	
	PB-0100	P. C. B.	1	

## P.C.B. LAYOUT

PB-0117 POWER P.C.B

SZ-5000(UK)/L(UK)/SL(UK)/(E)/SL(E)

SZ-5100SL(UK)/(E)/SL(E)



## REPLACEMENT PARTS LIST

POWER P.C.B ASS'Y

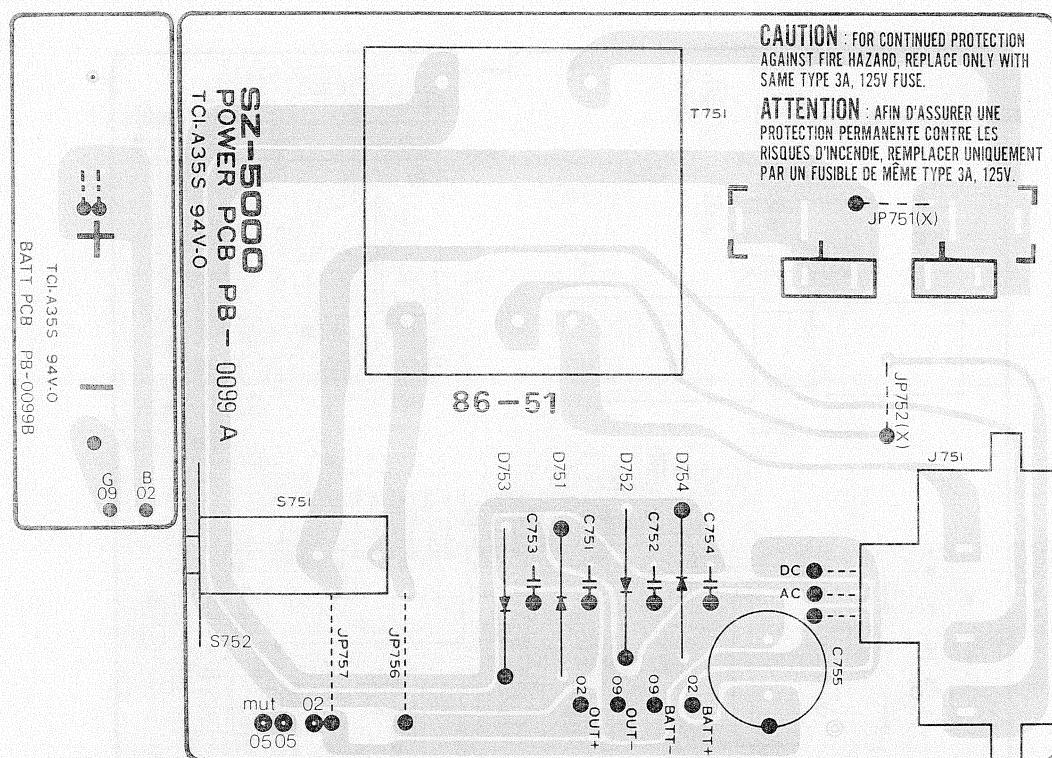
REF. NO.	NAME	Q' TY	SZ-5000 (UK)/ L(UK)/ SL(UK)	SZ-5000 (E)/ SL(E)	REMARKS
SZ-5100 (E)/ SL(E)					
4-1	POWER TRANSFORMER	1	PT-0014	PT-0012	T751
	AC INLET	1	AM-J-210	↓	J751
	DIODE	4	IN5400-BD-80	↓	D751, 752, 753, 754
	C. CAPACITOR	4	CVC50Z-223F	↓	C751, 752, 753, 754
	A. CAPACITOR	1	CVA16M-3300	↓	C755
4-2	POWER SWITCH	1	SW-0049	↓	S751
	LEAF SWITCH	1	SW-0051	↓	S752
105	MACHINE SCREW	2	MSYB3006SZ	↓	
106	TAP TITE SCREW	1	TTSB2605SZ	↓	
	FUSE HOLDER	2	ZT-0003	↓	
	FUSE LINK	1	FS-0012	↓	'T' 3.15A
4-3	POWER PCB COVER	1	UR30057	↓	
	SWITCH BRACKET	1	UR40168	↓	
4-4	POWER SW KNOB	1	UR40126	↓	
4-5	BATTERY SPRING	1	R84160-021A	↓	
	JUMPER WIRE	5	JP-050B	↓	
	"	2	JP-100B	↓	
4-6	P. C. B	1	PB-0117	↓	JP754, 755

## P.C.B. LAYOUT

PB-0099 POWER P.C.B

SZ-5000(US)/SS(X)

SZ-5100(US)/SS(X)



## REPLACEMENT PARTS LIST

POWER P.C.B ASS'Y

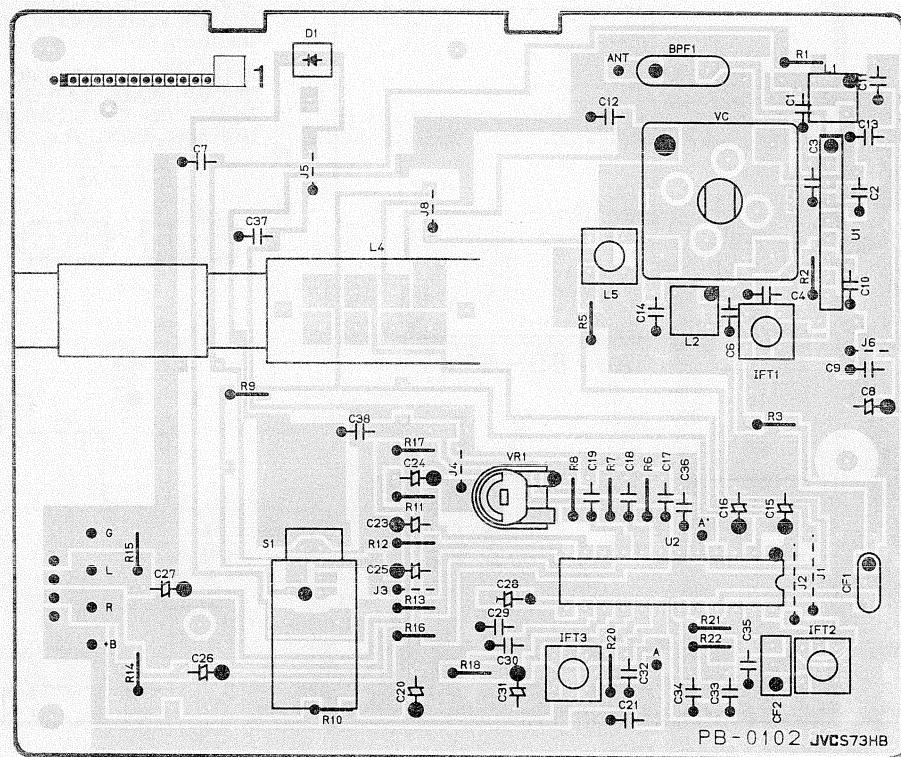
REF. NO.	NAME	Q' TY	SZ-5000(US)/ SZ-5100(US)	SZ-5000SS(X)/ SZ-5100SS(X)	REMARKS
4-1	POWER TRANSFORMER	1	PT-0011	PT-0013	T751
	AC INLET	1	AM-J-211	AM-J-209	J751
	DIODE	4	IN5400-BD-80	↓	D751, 752, 753, 754
	C. CAPACITOR	4	CVC50Z-223F	↓	C751, 752, 753, 754
	A. CAPACITOR	1	CVA16M-3300	↓	C755
4-2	POWER SWITCH	1	SW-0049	↓	S751
	LEAF SWITCH	1	SW-0051	↓	S752
105	MACHINE SCREW	2	MYB3006SZ	↓	
106	TAP TITE SCREW	1	TTSB2605SZ	↓	
	FUSE HOLDER	2	AM-D-183	↓	
	FUSE LINK	1	AM-D-138	↓	3 A,
4-3	POWER PCB COVER	1	UR30057	↓	
	SWITCH BRACKET	1	UR40168	↓	
4-4	POWER SW KNOB	1	UR40126	↓	
4-5	BATTERY SPRING	1	R84160-021A	↓	
	JUMPER WIRE	5	JP-050B	↓	
	"	1	JP-100B	↓	JP753
	"	3	--	JP-100B	JP751, 752, 753
	"	2	JP-175B	↓	JP756, 757
4-6	P. C. B	1	PP-0099	↓	

## P.C.B. LAYOUT

PB-0102 AM/FM 2-BAND TUNER P.C.B

SZ-5000 (US) / (UK) / (E)

SZ-5100 (US) / (E)



## REPLACEMENT PARTS LIST

AM/FM 2-BAND TUNER ASS'Y

SZ-5000 (US) / (UK) / (E)

SZ-5100 (US) / (E)

REF. NO.	PARTS NO.	NAME	Q' TY	REMARKS
	AN7205	I. C	1	U 1 (F. End)
	M51535P	I. C	1	U 2 (IF/MPX)
	AM-X- 89	FM CERAMIC FILTER	1	CF 1
	AM-X-135	AM "	1	CF 2
	SFU468B	AM "	1	CF 2 (UK only)
	AM-W-101	FM B. P. F	1	BPF1
	VC-0012	P. V. C.	1	VC
	LR-0014	BAR ANTENNA COIL	1	L 4
	AM-LI-691	FM IFT	1	IFT 1
	LI-0007	AM IFT	1	IFT 2
	LI-0002	FM IFT	1	IFT 3
	LR-0002	AM OSC COIL	1	L 5
	R41489-03	FM RF COIL	2	L 1, 2
	PB-0102	TUNER PCB	1/2	
	SW-0045	LEVER SWITCH	1	S 1
	R40193-02	SEMI-FIXED RESISTOR	1	VR 1 (5K Ω)

# REPLACEMENT PARTS LIST

AM/FM 2-BAND TUNER ASS'Y (Cont'd)

SZ-5000(US)/(UK)/(E)

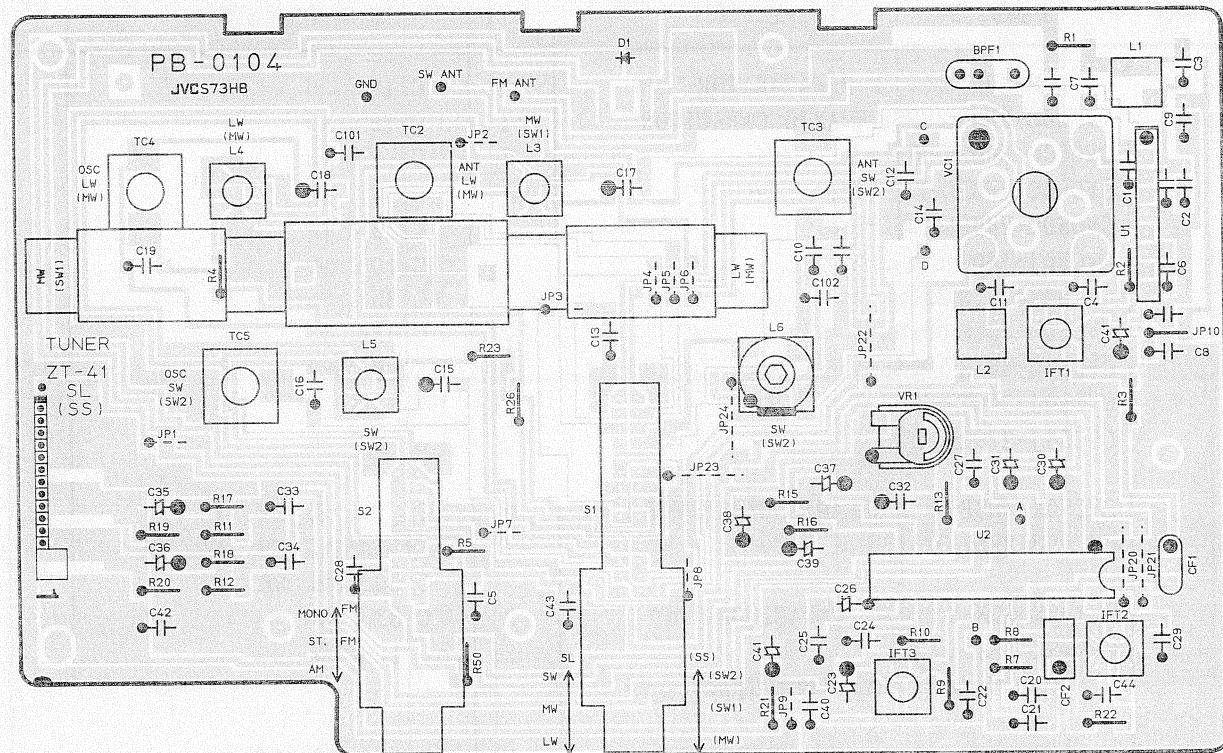
SZ-5100(US)/(E)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	CVP50J-102	P. P CAPACITOR	1	C 19
	CVC50C-2ROSL-X	CERAMIC CAPACITOR	1	C 12
	CVC50C-5ROSL-X	"	1	C 2
	CVC50C-7ROSL-X	"	1	C 14
	CVC50C-240SL-X	"	1	C 13
	CVC50J-180SL-X	"	1	C 10
	CVC50K-221SL-X	"	1	C 35
	CVC50K-331SL-X	"	1	C 38
	CVC50K-561SL-X	"	1	C 29
	CVC50J-100CH-X	"	1	C 4
	CVC50J-270RH-X	"	1	C 6
	CVC50K-103B-X	CERAMIC CAPACITOR	3	C 1, 3, 37
	CVC50Z-223F-X	"	7	C 7, 11, 9, 21, C 30, 32, 36
	CVR25K-223-X	R. CAPACITOR	2	C 33, 34
	CVR25K-333-X (X= 5m/m)	" Straight Type)	2	C 17, 18
	CVA10M-100	A. CAPACITOR	2	C 15, 20,
	CVA16M- 10	"	3	C 8, 25, 31
	CVA25M-3R3	"	1	C 24
	CVA25M-4R7	"	2	C 16, 28
	CVA50M- 1	"	1	C 23
	CVA50M-R47	"	2	C 26, 27
	YS-0069	WIRE ASS'Y	1	
	LN21RPH. EX	L E D	1	D 1
	UR40057/1	LED SPACER	1	
	UR40123	TUNING GUIDE	1	
	MSYB2605SZ	MACHINE SCREW	1	
	RHD08J-5R6	CN. RESISTOR	1	R 9
	RHD08J-470	"	2	R 5, 10
	RHD08J-101	"	2	R 2, 3
	RHD08J-221	"	1	R 1
	RHD08J-331	"	1	R 22
	RHD08J-561	"	3	R 13, 14, 15
	RHD08J-102	"	1	R 11
	RHD08J-332	"	3	R 6, 7, 21
	RHD08J-392	"	3	R 16, 17, 20
	RHD08J-822	"	1	R 18
	RHD08J-113	"	1	R 8
	RHD08J-224	"	1	R 12
	JP-050	JUMPER WIRE	5	J 3, 4, 5, 6, 9
	JP-100	"	2	J 1, 2

## P.C.B. LAYOUT

PB-0104 FM/MW/SW/LW 4-BAND TUNER P.C.B

SZ-5000SL (UK)/SL (E)  
SZ-5100SL (UK)/SL (E)



## REPLACEMENT PARTS LIST

FM/MW/SW/LW 4-BAND TUNER ASS'Y (Cont'd)

SZ-5000SL(UK)/SL(E)

SZ-5100SL(UK)/SL(E)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	JP100	JUMPER WIRE	4	
	YS-0067	WIRE ASS'Y	1	
	UR40057/1	L E D SPACER	1	
	LN21RPHEX	L E D	1	D 1
	UR40123	TUNING GUIDE	1	
	MSYP2605SZ	MACHINE SCREW	1	
	RHD08J-470	CN. RESISTOR	3	R 4, 5, 23
	RHD08J-560	"	1	R 21
	RHD08J-680	"	1	R 26
	RHD08J-101	"	1	R 3
	RHD08J-181	"	1	R 1
	RHD08J-221	"	1	R 2
	RHD08J-331	"	1	R 7
	RHD08J-561	"	4	R 22, 50, 19, 20
	RHD08J-102	"	1	R 15
	RHD08J-222	"	1	R 8
	RHD08J-332	"	2	R 11, 12
	RHD08J-392	"	3	R 9, 17, 18
	RHD08J-822	"	1	R 10
	RHD08J-113	"	1	R 13
	RHD08J-224	"	1	R 16
	JP-050	JUMPER WIRE	10	JP 1, 2, 3, 4 JP 5, 6, 7, 8, JP 9, 10
	CVC50C-2R0SL-X	C. CAPACITOR	2	C 14, 16
	CVC50C-5R0SL-X	"	1	C 2
	CVC50C-100SL-X	"	1	C 12
	CVC50C-180SL-X	"	1	C 6
	CVC50C-270SL-X	"	1	C 3
	CVC50J-120SL-X	"	1	C 10
	CVC50J-510SL-X	"	1	C 13
	CVC50J-680SL-X	"	1	C 19
	CVC50C-100CH-X	"	1	C 4
	CVC50C-300RH-X	"	1	C 11
	CVC50K-561B-X	"	2	C 25, 44
	CVC50K-103B-X	"	2	C 1, 7
	CVC50Z-103F-X	"	4	C 8, 9, 28, 43
	CVC50Z-223F-X	"	7	C 22, 24, 27, 29 C 40, 42, 102
	CVR25Z-223F-X	R. CAPACITOR	2	C 20, 21
	CVA10M-100-X	A. CAPACITOR	2	C 30, 41
	CVA16M-10-X	"	4	C 23, 26, 39, 100
	CVA25M-3R3-X	"	1	C 38
	CVA25M-4R7-X	"	1	C 31
	CVA50M-R47-X	"	2	C 35, 36
	CVA50M-1-X	"	1	C 37

## REPLACEMENT PARTS LIST

FM/MW/SW/LW 4-BAND TUNER ASS'Y (Cont'd)

SZ-5100SL(UK)/SL(E)

SZ-5000SL(UK)/SL(E)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	CVR25K-333-X	R. CAPACITOR	2	C 33, 34
	CVP50J-151-X	P. P CAPACITOR	1	C 18
	CVP50J-361-X	"	1	C 17
	CVP50J-102-X	"	1	C 32
	CVP50J-252-X	"	1	C 15
	(X=Straight lead type, pitch=5mm)			

FM/SW1/SW2/MW 4-BAND TUNER ASS'Y

SZ-5000SS(X)/SZ-5100SS(X)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	AN7205	I C	1	U 1 (F. End)
	M51535P	I C	1	U 2 (IF/MPX)
	AM-X-89	FM CERAMIC FILTER	1	CF 1
	AM-X-135	AM "	1	CF 2
	AM-W-101	FM B. P. F	1	BPF 1
	VC-0013	P. V. C	1	VC 1
	VC-0003	TRIMMER CAPACITOR	4	TC 2, 3, 4, 5
	LR-0026	BAR ANTENNA COIL	1	L 7
	LR-0022	SW2 ANTENNA COIL	1	L 6
	R41489-03	FM RF COIL	2	L 1, 2
	AM-LI-691	FM IFT COIL	1	IFT 1
	LI-0002	FM IFT COIL	1	IFT 3
	LI-0001	AM IFT COIL	1	IFT 2
	LR-0018	MW OSC COIL	1	L 4
	LR-0019	SW1 OSC COIL	1	L 3
	LR-0020	SW2 OSC COIL	1	L 5
	SW-0046	LEVER SWITCH (4-3)	1	S 2
	SW-0047	LEVER SWITCH (6-3)	1	S 1
	VR-0024-5KB	SEMI FIXED RESISTOR	1	VR 1 (5K B)
	PB-0104	TUNER PCB	1/2	
	JP100	JUMPER WIRE	5	JP20, 21, 22, 23, 24
	YS-0067	WIRE ASS'Y	1	
	UR40057/1	L E D SPACER	1	
	LN21RPHEX	L E D	1	D 1
	UR40123	TUNING GUIDE	1	
	MSYP2605SZ	MACHINE SCREW	1	

## REPLACEMENT PARTS LIST

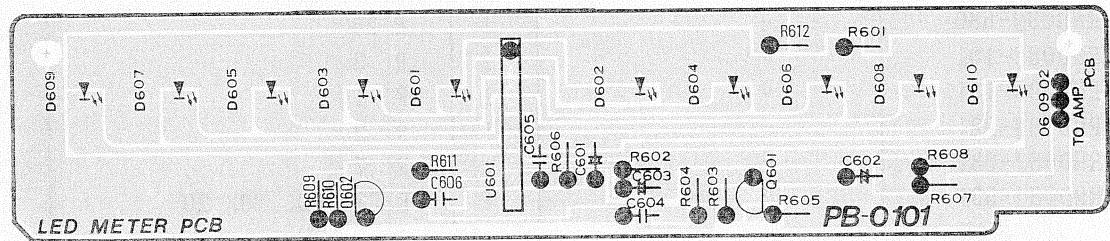
FM/SW1/SW2/MW 4-BAND TUNER ASS'Y (Cont'd)

SZ-5000SS(X)/SZ-5100SS(X)

REF. NO.	PARTS NO.	NAME	Q'TY	REMARKS
	RHD08J-470	CN. RESISTOR	3	R 4, 5, 23
	RHD08J-560	"	1	R 21
	RHD08J-680	"	1	R 26
	RHD08J-101	"	1	R 3
	RHD08J-181	"	1	R 1
	RHD08J-221	"	1	R 2
	RHD08J-331	"	1	R 7
	RHD08J-561	"	4	R 22, 50, 19, 20
	RHD08J-102	"	1	R 15
	RHD08J-222	"	1	R 8
	RHD08J-332	"	2	R 11, 12
	RHD08J-392	"	3	R 9, 17, 18
	RHD08J-822	"	1	R 10
	RHD08J-113	"	1	R 13
	RHD08J-224	"	1	R 16
	JP-050	JUMPER WIRE	9	JP 1, 2, 3, 4, 5 JP 7, 8, 9, 10
	CVC50C-2R0SL-X	C. CAPACITOR	2	C 14, 19
	CVC50C-5R0SL-X	"	3	C 2, 13, 50
	CVC50C-7R0SL-X	"	1	C 12
	CVC50J-120SL-X	"	1	C 10,
	CVC50J-270SL-X	"	1	C 3
	CVC50D-150SL-X	"	1	C 16
	CVC50D-180SL	"	1	C 6
	CVC50D-100CH	"	1	C 4
	CVC50K-561B-X	"	2	C 25, 44
	CVC50K-103B-X	"	2	C 1, 7
	CVC50Z-103F-X	"	3	C 8, 9, 28
	CVC50Z-223F-X	"	9	C 5, 22, 24, 27, 29 C 40, 42, 101, 102
	CVR25Z-223F-X	R. CAPACITOR	2	C 20, 21
	CVA10M-100-X	A. CAPACITOR	2	C 30, 41
	CVA16M-10-X	"	4	C 23, 26, 39, 100
	CVA25M-3R3-X	"	1	C 38
	CVA25M-4R7-X	"	1	C 31
	CVA50M-R47-X	"	2	C 35, 36
	CVA50M-1-X	"	1	C 37
	CVR25K-333-X	"	2	C 33, 34
	CVP50J-361-X	P. P. CAPACITOR	1	C 18
	CVP50J-152-X	"	1	C 17
	CVP50J-102-X	"	1	C 32
	CVP50J-562-X	"	1	C 15
	CVC50J-300RH-X	C. CAPACITOR (X= Straight lead Type, Pitch=5mm)	1	C 11

## P.C.B. LAYOUT

PB-0101 LEVEL METER P.C.B



## REPLACEMENT PARTS LIST

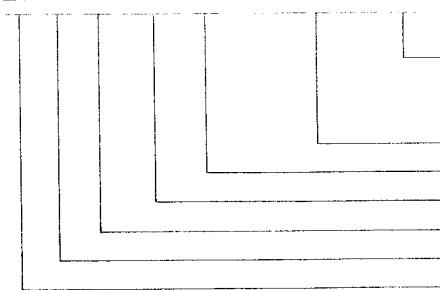
LEVEL METER ASS'Y

REF. NO.	PARTS NO.	NAME	Q' TY	REMARKS
	LB1403N or BA6124 LN21RPH. EX	I C I C L E D		U601 D601~610
		【T. P ASS' Y 】		
	RHD08J-150	CN. RESISTOR	1	R605
	RHD08J-470	"	1	R601
	RHD08J-271	"	1	R611
	RHD08J-332	"	1	R604
	RHD08J-472	"	1	R607
	RHD08J-103	"	3	R602, 606, 609
	RHD08J-474	"	1	R608
	RHD08J-105	"	2	R603, 610
	CVC50Z-223F	C. CAPACITOR	2	C604, 606
	CVR25M-682	R. CAPACITOR	1	C605
	CVA10M-220	A. CAPACITOR	1	C601
	CVA16M- 10	"	1	C603
	CVA50M- 1	"	1	C602
	2SC2603G	TRANSISTOR	2	Q601, 602
	PB-0101	P. C. B	1/3	

# HOW TO READ PARTS NUMBERS

## 1. Resistor (Fixed resistor)

**R** ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩



⑩: Specifications

Blank: H type . . . Supplied in 26mm taping  
Others . . . . . Supplied in bulk package

⑥ ⑦ ⑧ ⑨: Rated resistance

⑤: Allowance

③ ④: Rated power

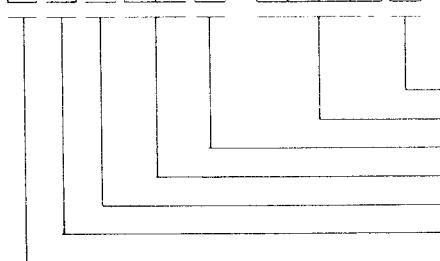
②: Kind of resistor

①: Shape

**Common symbol for resistor**

## 2. Capacitor

**C** ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪



⑪: Specifications

⑩: Characteristics

⑥ ⑦ ⑧ ⑨: Capacitance

⑤: Allowance

③ ④: Rated voltage

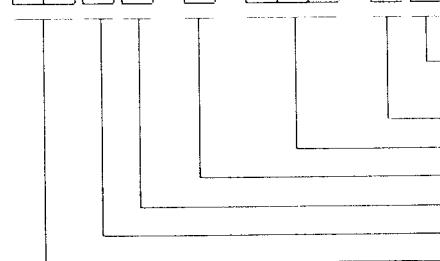
②: Kind of capacitor

①: Shape

**Common symbol for capacitor**

## 3. Wire

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩



⑩: Specifications

Blank: Not specified

⑨: Termination

⑥ ⑦ ⑧: Length (Whole length)

⑤: Sleeve color

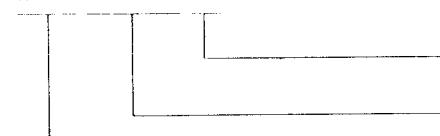
④: Number of lead(s)

③: Kind of wire

① ②: Size

## 4. Jumper wire

**J P** ① ② ③ ④



④: Specifications

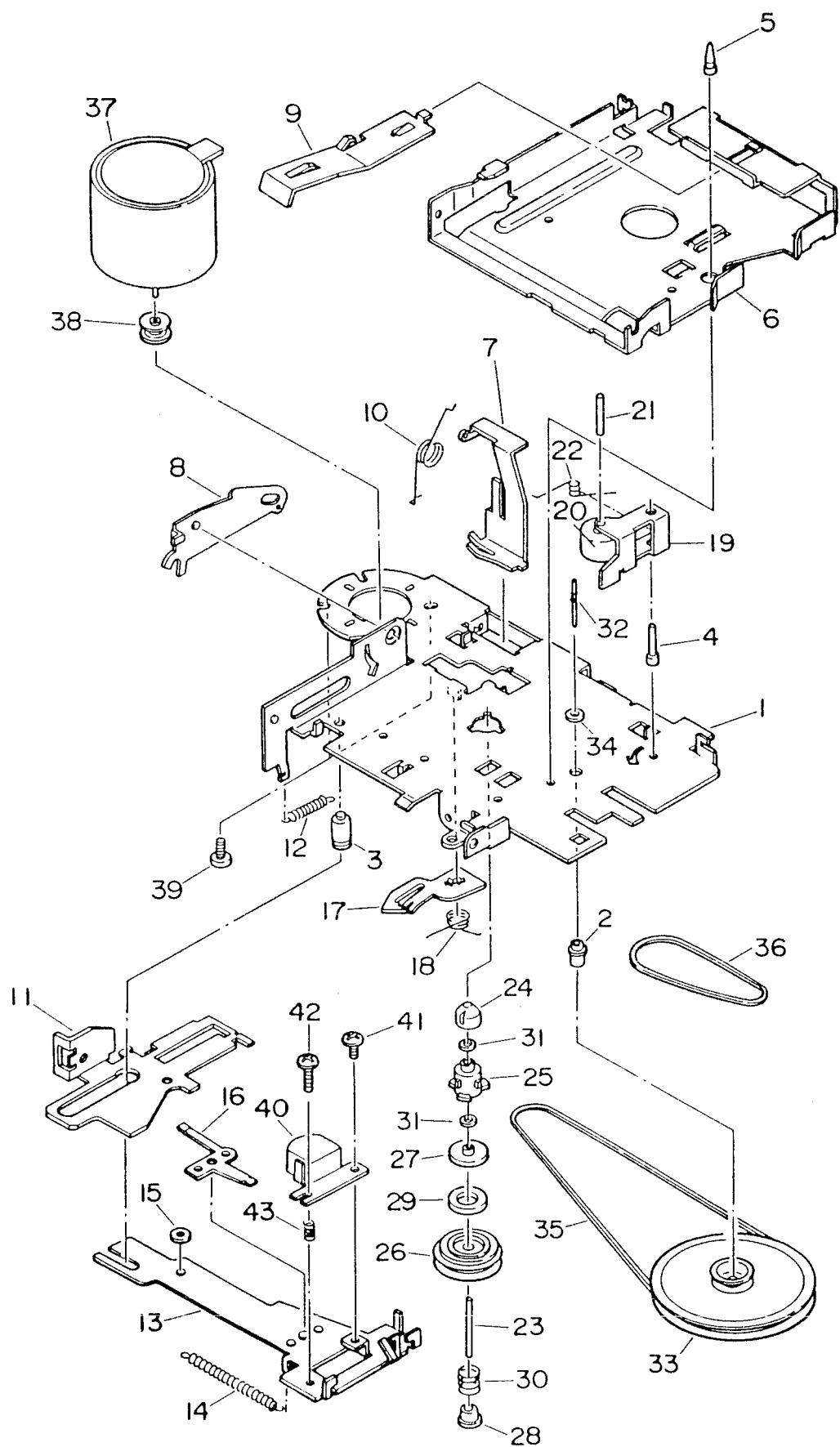
Blank: For automatic insertion, φ0.5mm wire

① ② ③: Length (pitch)

**Common symbol for jumper wire**

## EXPLODED VIEW

MECHANISM UNIT No. 1



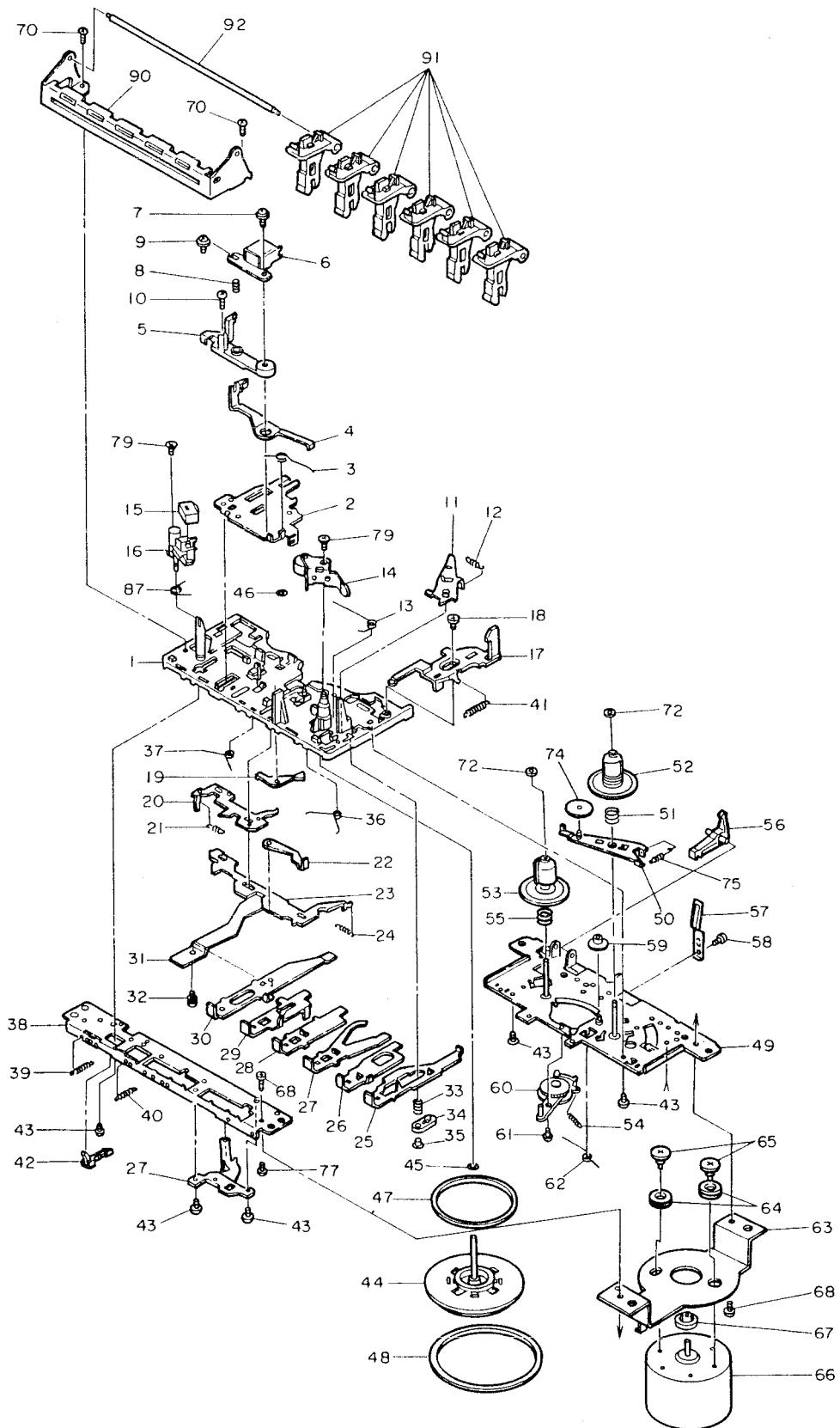
# REPLACEMENT PARTS LIST

MECHANISM UNIT No. 1

NO.	PARTS NO.	NAME	Q'TY	REMARKS
1	UM10001	MAIN CHASSIS	1	
2	UM40055	CAPSTAN METAL ASS'Y	1	
3	UM40056	CHASSIS STUD (B)	1	
4	UM40061	PINCH LEVER SHAFT	1	
5	UM40081	GUIDE SHAFT	1	
6	UM20002	CASSETTE HOLDER	1	
7	UM40050	EJECT ANGLE	1	
8	UM40051	LIFT ANGLE	1	
9	UM40052	GUIDE SPRING	1	
10	UM40069	EJECT ANGLE SPRING	1	
11	UM30004	EJECT LEVER	1	
12	M41346	EJECT LEVER SPRING	1	
13	UM30003	HEAD BASE	1	
14	UM40053	HEAD BASE PLATE SPRING	1	
15	UM40057	HEAD BASE ROLLER	1	
16	UM40071	HEAD BASE SPRING	1	
17	UM40049	F. F LOCK LEVER	1	
18	UM40070	FLIP FLOP SPRING	1	
19	UM40048	PINCH LEVER	1	
20	UM40054	PINCH ROLLER ASS'Y	1	
21	UM40060	PINCH ROLLER SHAFT	1	
22	UM40068	PINCH ROLLER SPRING	1	
23	UM40059	REEL SHAFT	1	
24	UM40062	REEL CAP	1	
25	UM40063	REEL METAL	1	
26	UM40064	TAKE PULLEY	1	
27	UM40065	FELT DISK	1	
28	UM40066	CLUTCH SPRING BUSH	1	
29	UM40067	CLUTCH FELT	1	
30	UM40073	T/U CLUTCH SPRING	2	
31	WP2140025PB	PS WASHER	1	
32	UM40058	CAPSTAN	1	
33	UM30005	FLYWHEEL	1	
34	WP21400250B	PS WASHER	1	
35	M41351	MAIN BELT	1	
36	M41352	TAKE UP BELT	1	
37	MMN-6C24KUA	MOTOR	1	
38	UM40074	MOTOR PULLEY	1	
39	MSYP2603SZ	MACHINE SCREW	2	
40	PS-1252	HEAD	1	
41	MSYT2004SZ	MACHINE SCREW	1	
42	MSYT2008SZ	MACHINE SCREW	1	
43	UM40072	AZIMUTH SPRING	1	

# P.C.B. LAYOUT

MECHANISM UNIT No. 2



# REPLACEMENT PARTS LIST

MECHANISM UNIT No. 2

NO	PARTS NO.	NAME	Q' TY	NO	PARTS NO.	NAME	Q' TY
1	1821-01-60	MAIN BASE ASS' Y	1	41	1821-13-02	EJECT SLIDE LEVER SPRING	1
2	1821-03-10	HEAD PANEL	1	42	LSA-1115R	LEAF SWITCH (A)	1
3	1821-04-07	PINCH ROLLER SPRING	1	43	9679-00-00	P TAPPING BIND SCREW	5
4	1829-03-301	SENSING PLATE ASS' Y	1	44	1821-09-301	FLYWHEEL ASS' Y (S)	1
5	1821-03-02	HEAD BASE	1	45	9994-00-01	P WASHER CUT	1
6	S-201	R. P. HEAD	1	46	9975-00-00	P WASHER CUT	1
7	9820-00-00	(+)(-) CAP SCREW	1	47	1821-07-05	R. F. BELT	1
8	1821-03-07	AZIMUTH SPRING	1	48	1715-06-06	MAIN BELT BIND SCREW	1
9	9922-00-00	AZIMUTH SCREW	1	49	1821-10-511	REEL BASE ASS' Y	1
10	9004-00-00	SCREW	1	50	1821-10-512	T. G. PLATE ASS' Y	1
11	1821-01-62	AUTO LEVER	1	51	1821-10-46	BACK TENSION SPRING	1
12	1821-01-21	AUTO LEVER SPRING	1	52	1821-10-319	TAKE-UP REEL ASS' Y	1
13	1821-03-12	HEAD PANEL SPRING (S)	1	53	1821-10-309	SUPPLY REEL ASS' Y	1
14	1821-04-302	PINCH ROLLER ARM ASS' Y	1	54	1821-10-08	T. G. PLATE SPRING	1
15	EM-1614	E. HEAD	1	55	1821-10-46	BACK TENSION SPRING	1
16	1821-03-05-7	MG ARM	1	56	1821-10-69	RECORD SAFETY LEVER	1
17	1821-13-04	EJECT SLIDE LEVER	1	57	1829-10-091	PACK SPRING PLATE	1
18	1821-13-05	P. M. E SCREW	1	58	9179-090-00	C TAPPING SCREW	1
19	1821-01-68	REW LEVER	1	59	1821-10-80	FF GEAR SPRING	1
20	1821-01-05	SWITCH PLATE	1	60	1821-07-303	RF PULLEY ARM ASS' Y	1
21	1821-01-38	SWITCH PLATE SPRING	1	61	1867-04-13	RF ARM COLLER SCREW	1
22	1821-01-159	E KICK LEVER	1	63	1821-12-69	MOTOR BRACKETTE	1
23	1821-01-91A	PUSH BUTTON ACTUATOR	1	64	1820-13-06	MOTOR RUBBER	2
24	1821-01-22	ACTUATOR SPRING	1	65	1821-12-02	MOTOR COLLER SCREW	2
25	1821-01-503	PAUSE BUTTON LEVER	1	66	EG-500AP-2B	MOTOR	1
26	1821-01-32	STOP BUTTON LEVER	1	67	1829-12-03	MOTOR PULLEY	1
27	1821-01-31	FF BUTTON LEVER	1	68	9180-00-00	C TAPPING SCREW	2
28	1821-01-30	REW BUTTON LEVER	1	70	0092-00-00	CAMERA SCREW	2
29	1821-01-29	PLAY BUTTON LEVER	1	72	1821-39019	METAL GUIDE	1
30	1821-01-28A	REC BUTTON LEVER	1	73	9181-00-00	C TAPPING SCREW	1
31	1510-02-12	REC SPRING PLATE	1	74	1821-39-12	MS SCREW	1
32	9076-00-00	TAMS SCREW	1	75	1821-10-34A	TAKE-UP ROLLER GEAR	1
33	1821-01-16	PAUSE LEVER SPRING	1	76	1821-07-04	RF PULLEY ARM SPRING	1
34	1821-01-15	PAUSE LEVER	1	77	9933-00-00	P WASHER CUT	2
35	1821-01-34	PAUSE STOPPER	1	87	1821-03-17	MG ARM SPRING	1
36	1821-01-23	BUTTON LEVER SPRING(O)	1	90	1821-31-06	B FRAME (S)	1
37	1821-01-13	BUTTON LEVER SPRING(B)	1	91	1821-31-07	OPERATION LEVER	6
38	1821-01-17	SUB CHASSIS	1	92	1829-31-03	BUTTON LEVER SHAFT	1
39	1821-01-07	BUTTON LEVER SPRING(A)	1				
40	1821-01-50	PLAY BUTTON LEVER SPRING (S)	1				

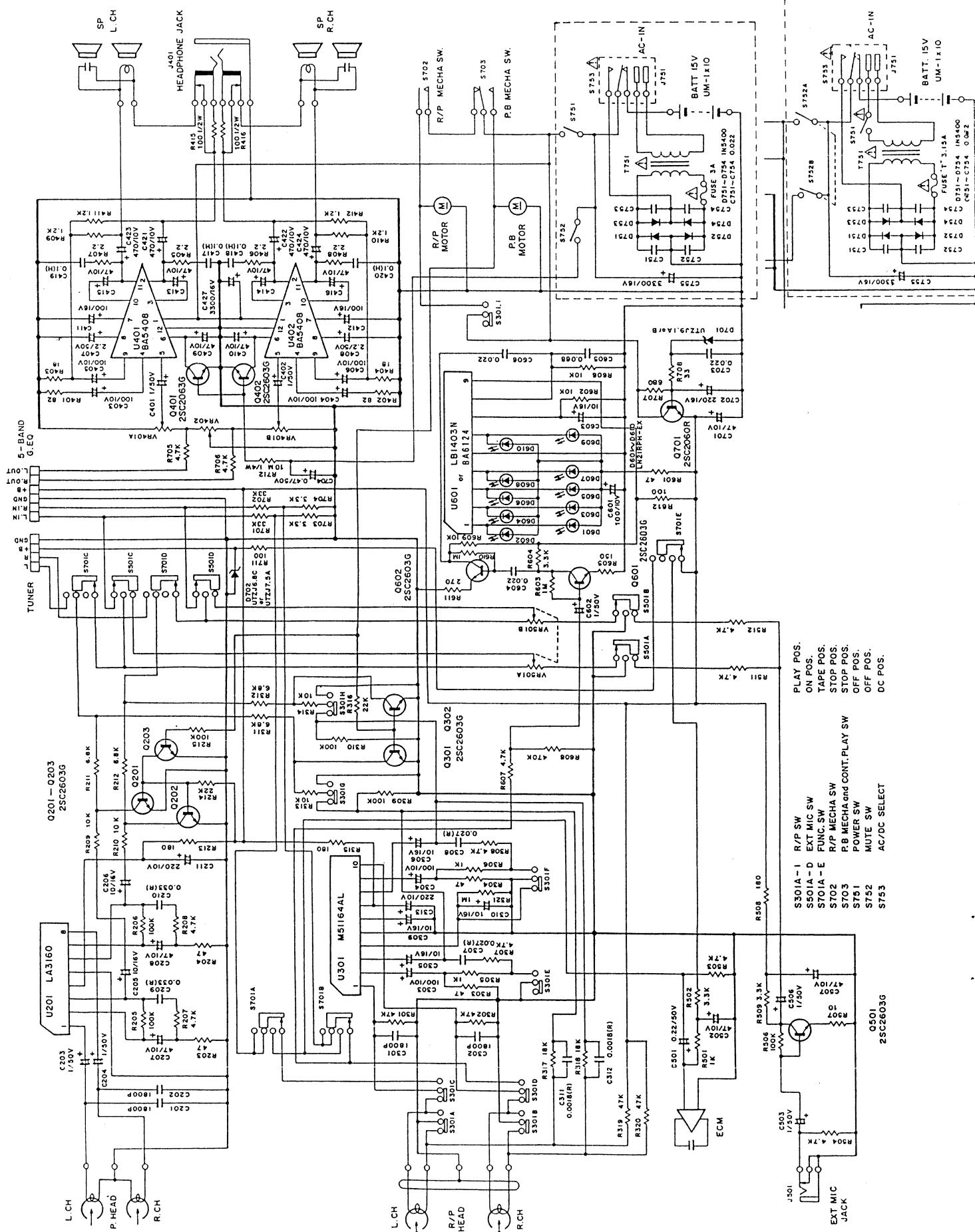
NOTE : Motor and head are subject to change without notice for improvement.

# SCHEMATIC DIAGRAMS

## AMPLIFIER

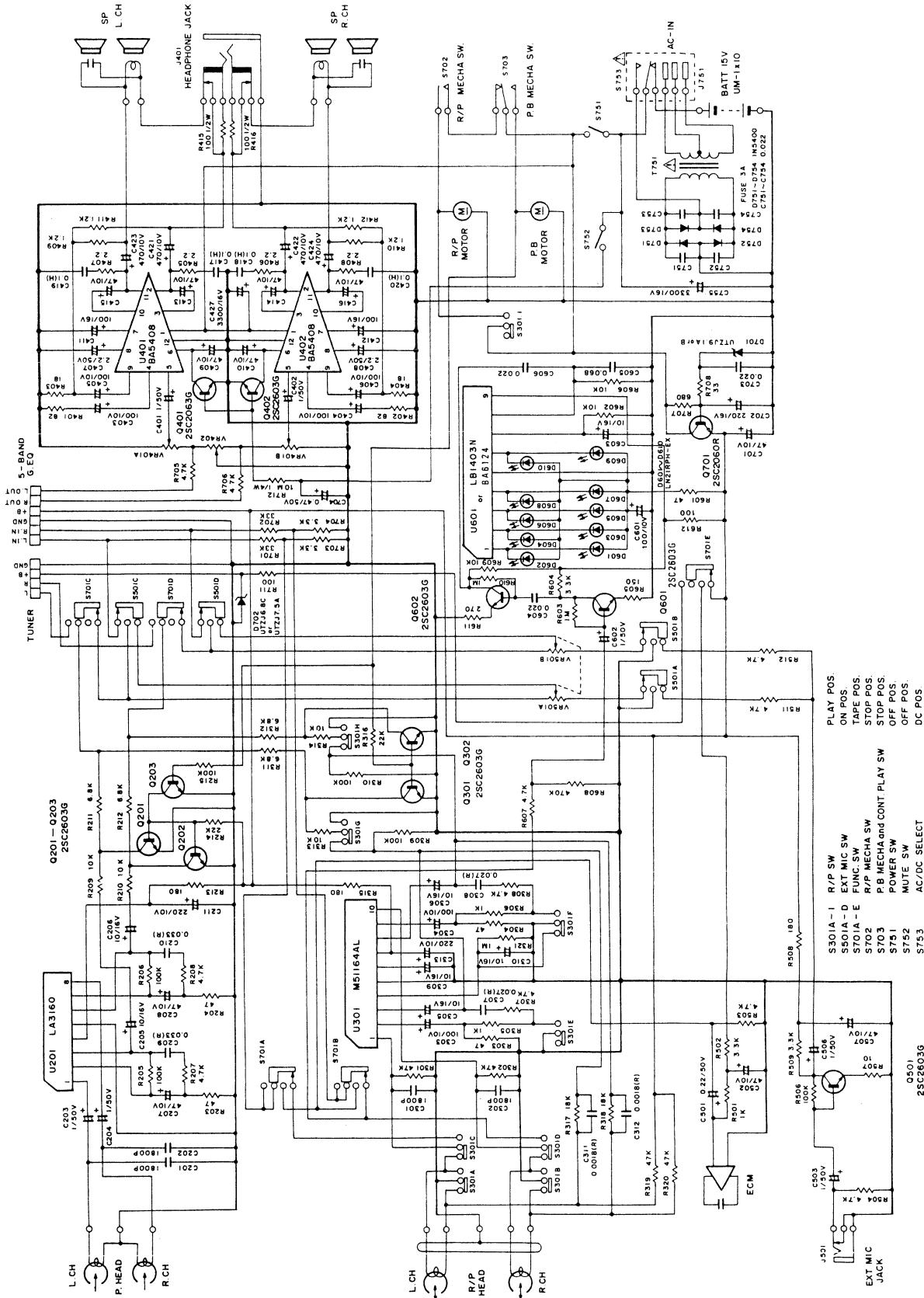
SZ-5000 (US) / (UK) / L (UK) / SL (UK)

SZ-5100 (US) / SL (UK)



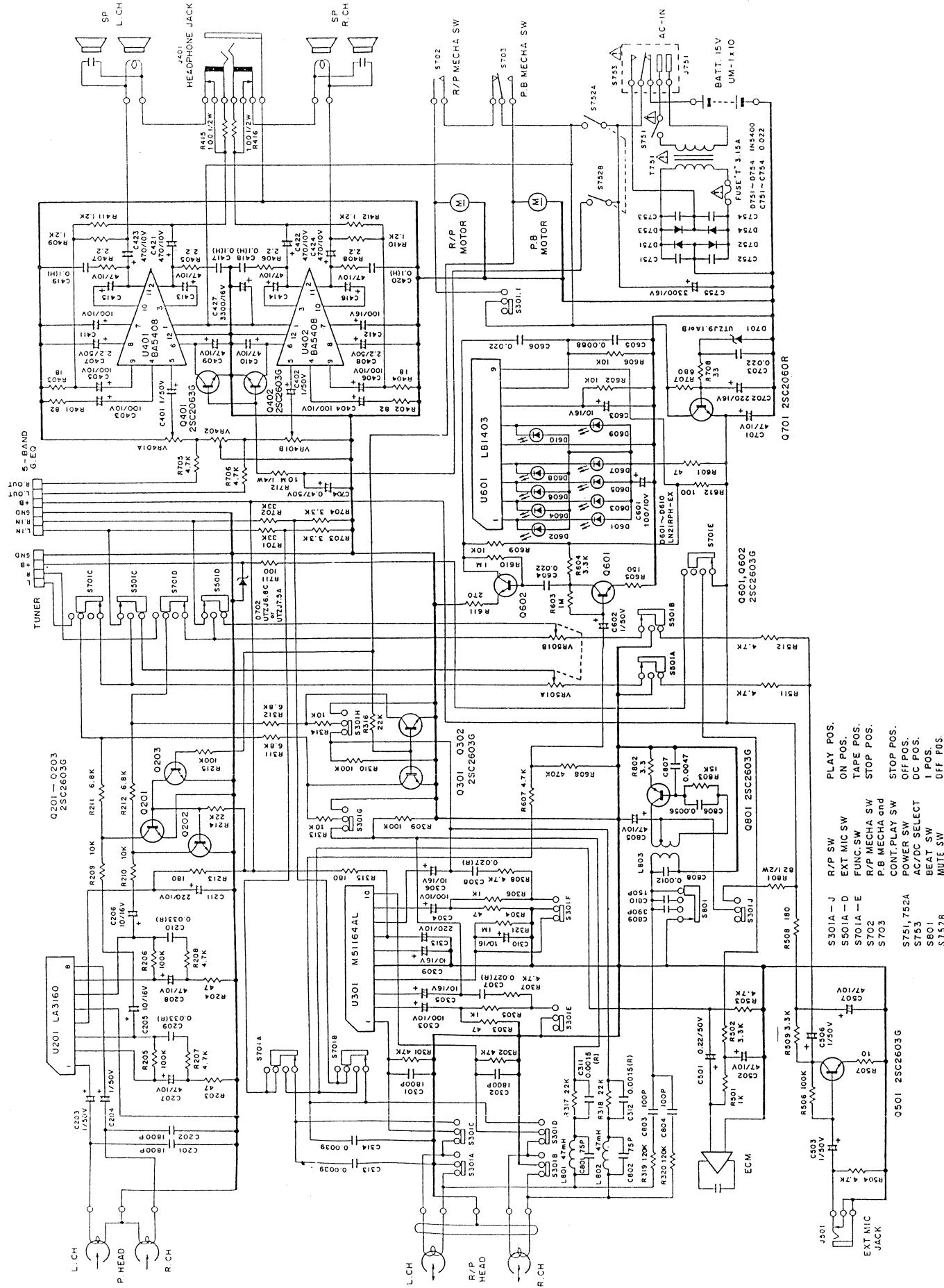
## AMPLIFIER

*SZ-5000SS(X)/SZ-5100SS(X)*



## AMPLIFIER

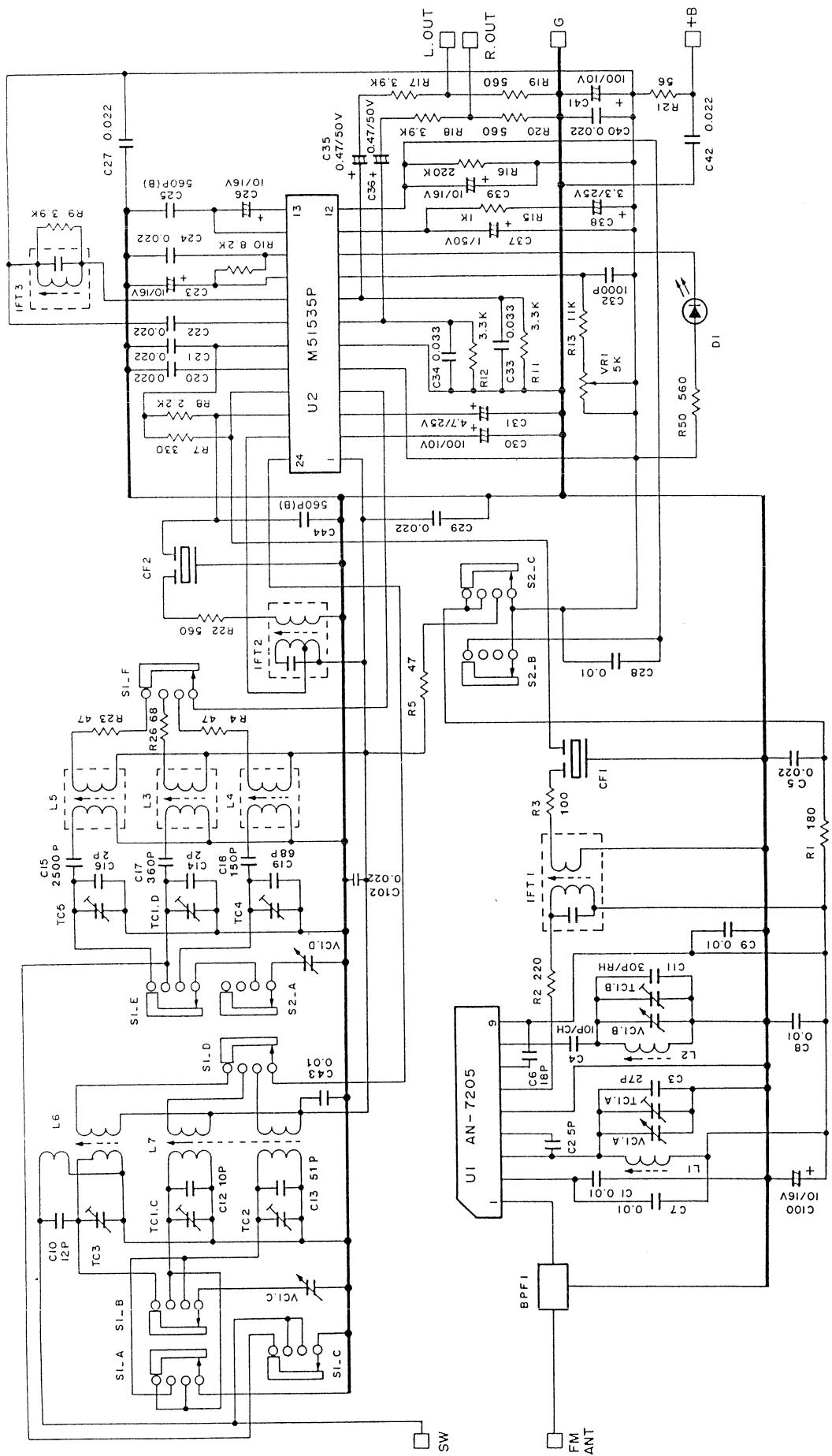
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*SZ-5100(E) / SL(E)*



*FM/MW/SW/LW 4-BAND TUNER ( ZT-41SL )*

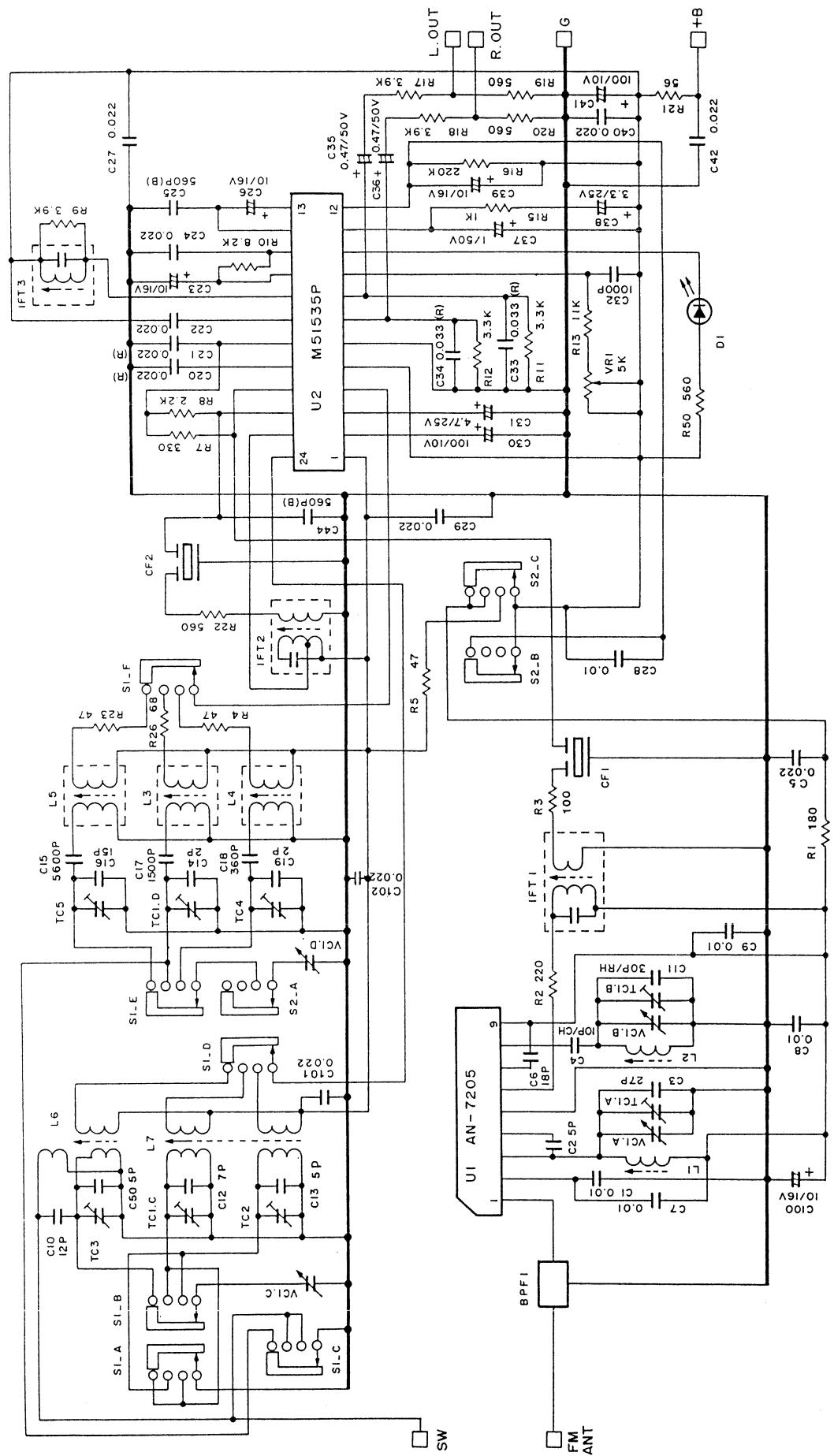
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SZ-5100SL(UK)/SL(E)



FM/MW/SW1/SW2 4-BAND TUNER ( ZT-41SS )

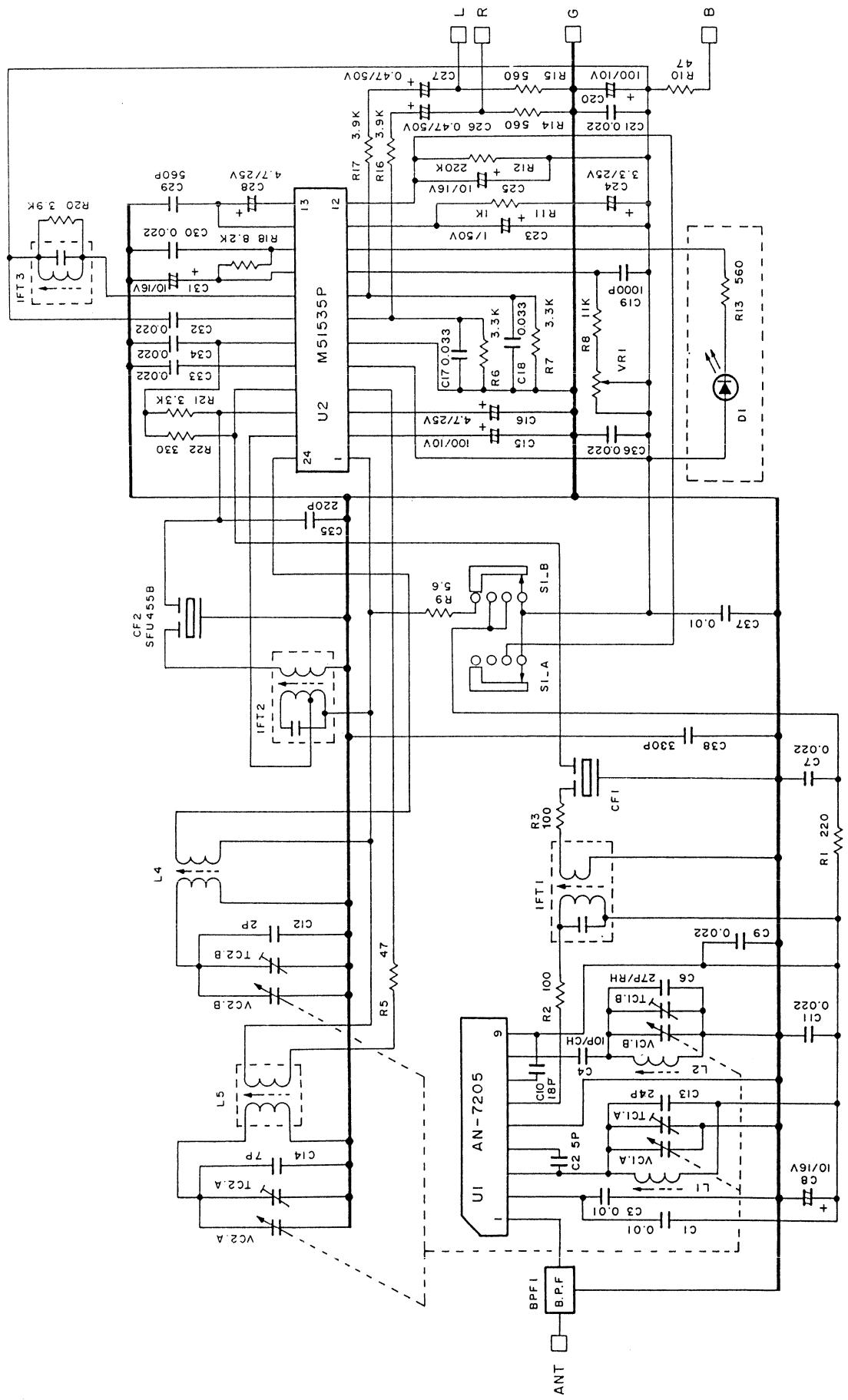
SZ-5000SS(X)/SZ-5100SS(X)



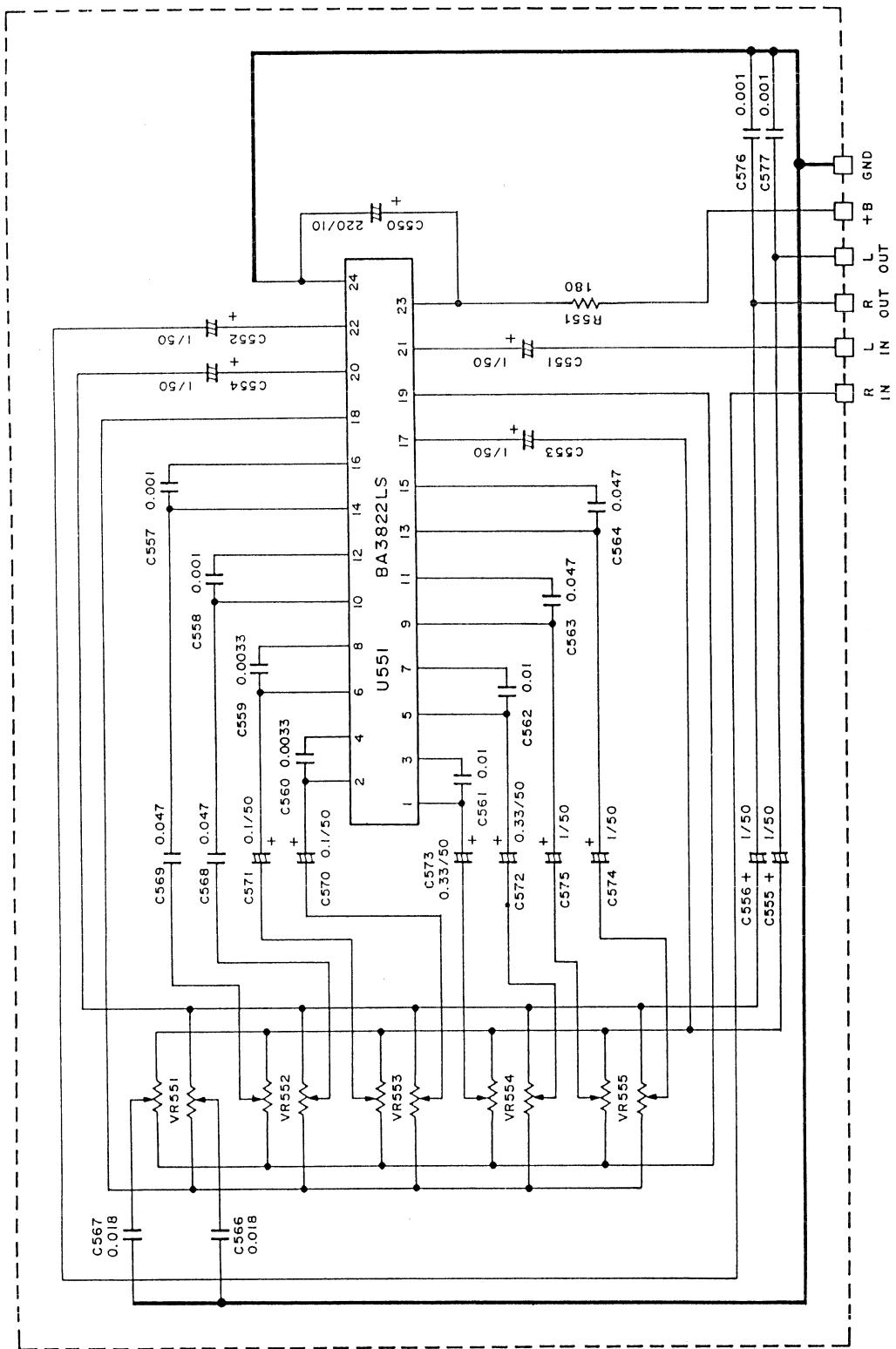
**FM/AM 2-BAND TUNER ( ZT-21 )**

SZ-5000 (US) / (UK) / (E)

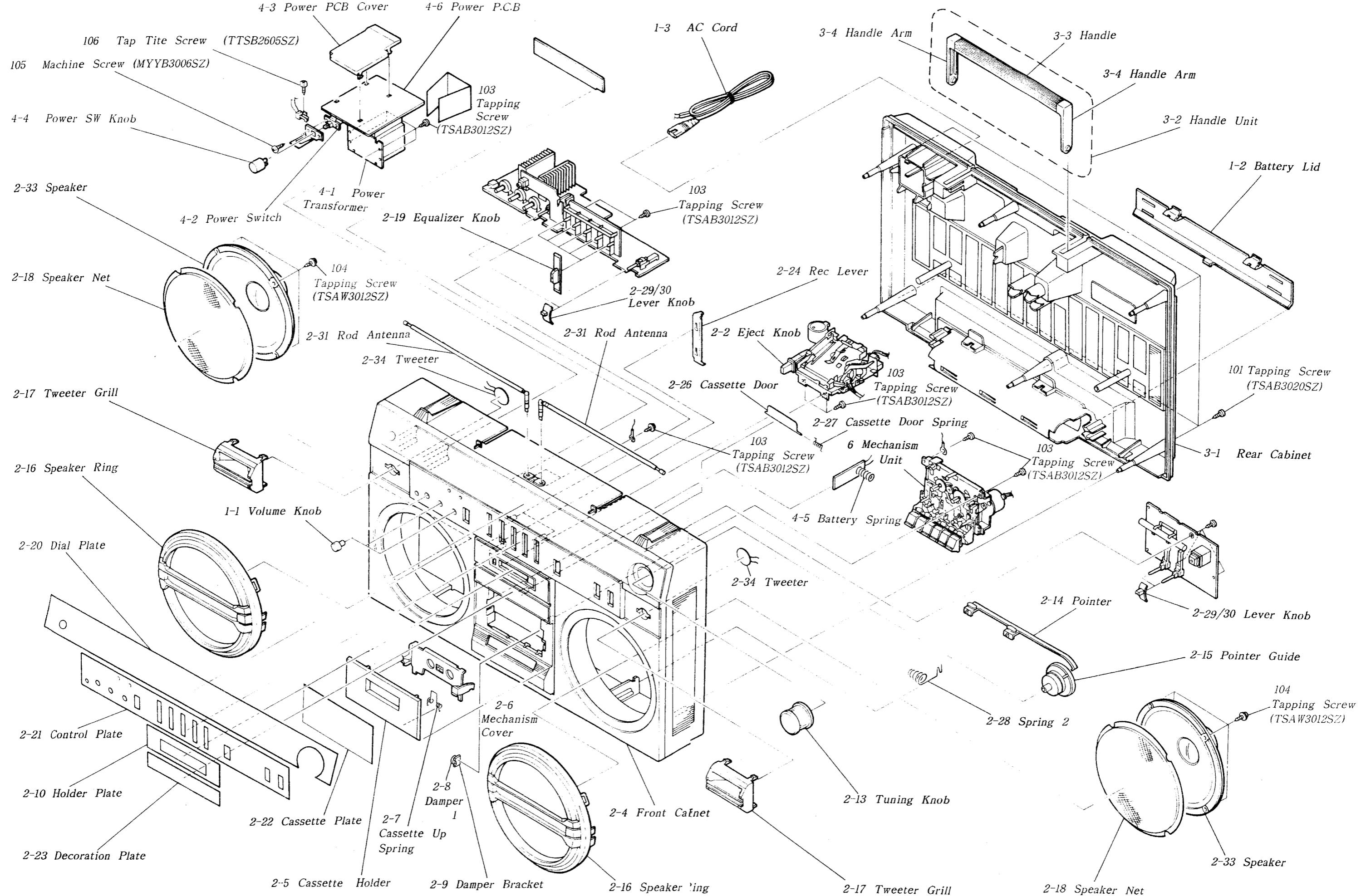
SZ-5100 (US) / (E)



5 BAND GRAPHIC EQUALIZER



## **EXPLODED VIEW**



## LEAD CONNECTION

